

CLAIMS

1. A living body information measuring device comprising:
 - a casing;
 - a light source which is accommodated in said casing and which emits light;
 - a photodetector which is accommodated in said casing and which detects light; and
 - a lancet drive mechanism which is accommodated in said casing and which drives a lancet needle,
 - wherein said lancet needle moves in and out an opening provided in said casing;
 - the light emitted from said light source is emitted from said opening; and
 - light entering said opening reaches said detector.
2. The living body information measuring device according to claim 1, wherein the light emitted from said opening is reflected and absorbed by a reagent portion of a sensor; and
 - the light entering said opening is light reflected by the reagent portion of said sensor.
3. The living body information measuring device according to claim 1, wherein an inner portion of the lancet needle is capable of transmitting light;

the light emitted from said light source passes through the inner portion of said lancet needle and is emitted from said opening; and

the light entering said opening reaches said photodetector by passing through the inner portion of said lancet needle.

4. The living body information measuring device according to claim 3, wherein an optical fiber which guides light is inserted in the inner portion of said lancet needle.

5. The living body information measuring device according to claim 1, wherein the light emitted from said light source is guided to said opening by an optical fiber and is emitted from said opening; and

the light entering said opening is guided to the photodetector by the optical fiber.

6. The living body information measuring device according to claim 1, comprising a computation unit which is accommodated in said casing and which figures out living body information from a result detected by said detector; and

a display which is accommodated in said casing and which displays the figured-out living body information.

7. A living body information measuring method using a living body information measuring device having:

a casing;

a light source which is accommodated in said casing and which emits light;

a photodetector which is accommodated in said casing and which detects light; and

a lancet drive mechanism which is accommodated in said casing and which drives a lancet needle, said method comprising:

a step of causing said lancet needle to move in and out an opening provided in said casing;

a step of causing the light emitted from said light source to be emitted from said opening; and

a step of causing light entering said opening to reach said detector.